

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2004/011258

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01J19/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/074457 A (GEN ELECTRIC) 12 September 2003 (2003-09-12)	1-5
Y	abstract page 6, paragraph 1 - paragraph 3; figure 1 page 7, paragraph 3 page 8, paragraph 1 page 8, paragraph 4 - page 9, paragraph 1	6
X	WO 99/40236 A (STAUFFER JOHN E) 12 August 1999 (1999-08-12)	1-5
Y	abstract; figure 1 page 4, line 1 - line 8	6
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

8 December 2004

Date of mailing of the international search report

16/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 127 618 A (BASF AG) 29 August 2001 (2001-08-29) abstract page 2, paragraph 4 - paragraph 6 page 2, paragraph 13 page 3, paragraph 22 -----	1-6
Y	EP 0 095 851 A (MOBIL OIL CORP) 7 December 1983 (1983-12-07) abstract page 1, paragraph 1 - paragraph 2 page 2, paragraph 1 - paragraph 2 page 3, paragraph 1 page 5, paragraph 2 -----	1-6
A	US 3 151 187 A (JEAN COMTE) 29 September 1964 (1964-09-29) column 2, line 58 - line 61; figure 3e -----	1

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Information on patent family members

International Application No

PCT/EP2004/011258

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03074457	A	12-09-2003	US 2003166976 A1 EP 1480933 A1 WO 03074457 A1 US 2004136887 A1	04-09-2003 01-12-2004 12-09-2003 15-07-2004
WO 9940236	A	12-08-1999	US 6010604 A AU 2473299 A EP 1051540 A1 WO 9940236 A1	04-01-2000 23-08-1999 15-11-2000 12-08-1999
EP 1127618	A	29-08-2001	DE 10009017 A1 CN 1317369 A EP 1127618 A1 JP 2001293376 A US 2001029235 A1	06-09-2001 17-10-2001 29-08-2001 23-10-2001 11-10-2001
EP 0095851	A	07-12-1983	US 4441990 A DE 3368533 D1 EP 0095851 A1 JP 1887840 C JP 4020665 B JP 58214346 A	10-04-1984 05-02-1987 07-12-1983 22-11-1994 06-04-1992 13-12-1983
US 3151187	A	29-09-1964	NONE	